

## CLAIMS

What is claimed is:

- 1           1.     A suspension strut unit comprising:  
2                 a cylinder having an outside;  
3                 a chamber provided on the outside of the cylinder;  
4                 a spring collar having a sleeve section received in said chamber;  
5                 a curable material at least partially filling said chamber so that said  
6 material, in a solid state, transmits a supporting force from the cylinder to the spring  
7 collar; and  
8                 an isolating sleeve having a radial guide surface which contacts said  
9 sleeve section.
- 1           2.     A suspension strut unit as in claim 1 wherein said isolating sleeve is  
2 made of plastic.
- 1           3.     A suspension strut unit as in claim 1 further comprising a support  
2 ring which is permanently axially connected to the outside of the cylinder, said chamber  
3 being formed by said support ring.
- 1           4.     A suspension strut unit as in claim 3 wherein said support ring  
2 comprises a sleeve and a floor, said sleeve section of said spring collar being received  
3 between said sleeve and said cylinder.

1                   5.     A suspension strut unit as in claim 3 wherein said support ring has  
2     an opening for injecting said curable material.

1                   6.     A suspension strut unit as in claim 3 wherein said isolating sleeve is  
2     located between the sleeve of the support ring and the sleeve section of the spring  
3     collar.

1                   7.     A suspension strut unit as in claim 3 wherein said isolating sleeve is  
2     located between the cylinder and the sleeve section of the spring collar.

1                   8.     A suspension unit as in claim 1 wherein said chamber is formed at  
2     least in part by said isolating sleeve.

1                   9.     A suspension strut unit as in claim 8 wherein said isolating sleeve  
2     comprises a floor of said chamber.

1                   10.    A suspension strut unit as in claim as in claim 9 wherein said  
2     isolating sleeve comprises a first isolating sleeve outside of said of said sleeve section,  
3     said unit further comprising a second isolating sleeve between said sleeve section and  
4     said cylinder.

1                   11.    A suspension strut unit as in claim 1 wherein said cylinder has an  
2     axis, said radial guide surface having an axis which is at an acute angle to said axis of  
3     said cylinder.

- 1                    12.    A suspension unit as in claim 9 further comprising a fastening ring
- 2    which is connected non-rotatably to the isolating sleeve and the cylinder.